



# Sustainable Tourism Workshop

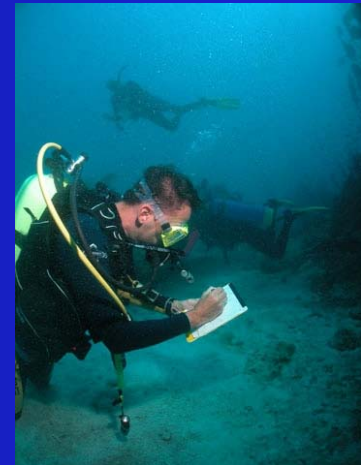
16th U.S. Coral Reef Task Force Meeting

October 24, 2006

## REEF: Engaging Stakeholders in Resource Monitoring

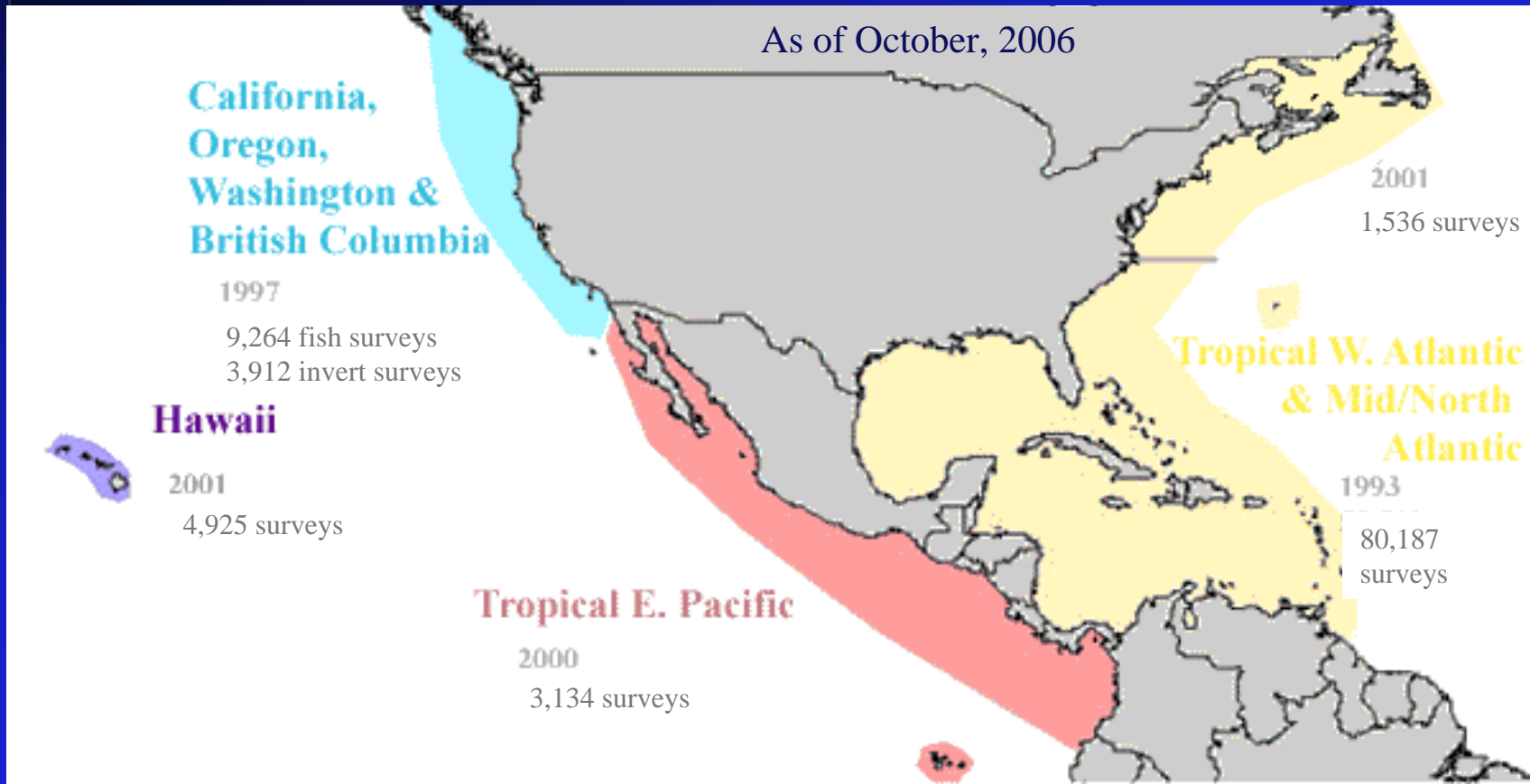
Leda Cunningham

REEF-Reef Environmental Education Foundation



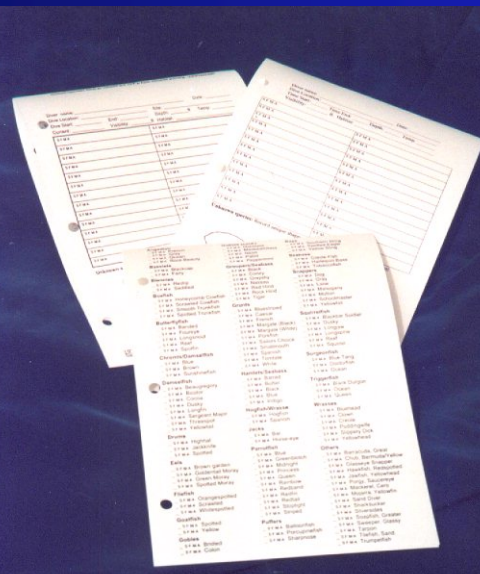
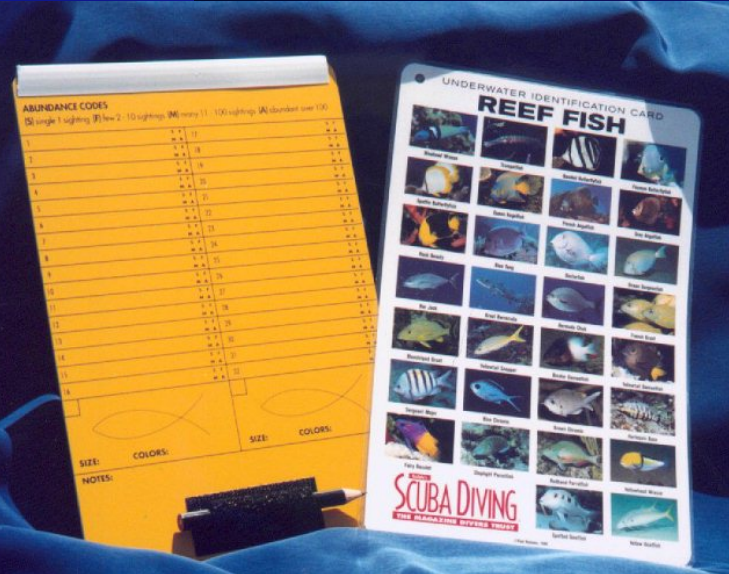
# Fish Survey Project

- Region-specific training



# Fish Survey Project

- Data collection



**West Coast, USA and Canada REEF Survey Form**

Reef Environmental Education Foundation

For more information on REEF, its Survey Project or to view data, visit [www.reef.org](http://www.reef.org)

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**MEMBER ID AND MAILING ADDRESS**

If you have a REEF number, fill it in. You need only fill in your address if it has changed. If you don't have a REEF identification number or have lost it, fill in the appropriate oval and fill in your address.

New Member  
 Change of Name/Address  
 Lost ID Number

Return completed forms to:  
**Reef Environmental Education Foundation (REEF)**  
 P.O. Box 246 Key Largo, FL 33007

First Name \_\_\_\_\_ MI \_\_\_\_\_ Last Name \_\_\_\_\_  
 Street Address \_\_\_\_\_  
 City \_\_\_\_\_ State/Province \_\_\_\_\_  
 Country \_\_\_\_\_ Zip/Postal Code \_\_\_\_\_  
 Phone Number \_\_\_\_\_ E-Mail \_\_\_\_\_

**MEMBER ID**

ENTER FIRST DIGIT

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**SURVEY TYPE**

Fill in the type of survey being taken:

Species & Abundance  
 Species Only

There are two types of surveys that can be made with this form:

**A Species and Abundance (S&A) survey** is taken on a single dive and records the species positively identified as well as their abundance.

**A Species Only (S) survey** may be taken over multiple dives and indicates which species were positively identified (by marking the Single (S) bubble for these species).

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**GEOGRAPHIC ZONE CODE**

Fill in as many digits as possible of the zone code for the location in which the survey was taken using the numbers found on the REEF Geographic Code List (see [www.reef.org](http://www.reef.org) or contact REEF).

Enter the code in the grid below:

ENTER FIRST DIGIT

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**NAVIGATIONAL COORDINATES**

Fill in this section if you can determine the exact longitude and latitude to the minute, or if possible to the hundredth of a minute. (S&A only)

Please do not use LORAN coordinates.

**LATITUDE - N**      **LONGITUDE - W**

DEG	MIN	/100	DEG	MIN	/100
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0	0	0	0	0	0
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**DIVE SITE**

Print the local name of the dive site and area below.

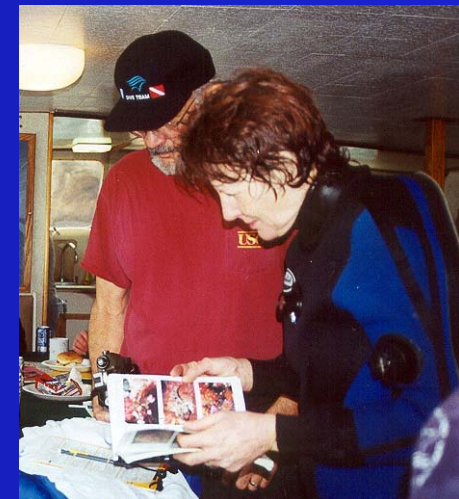
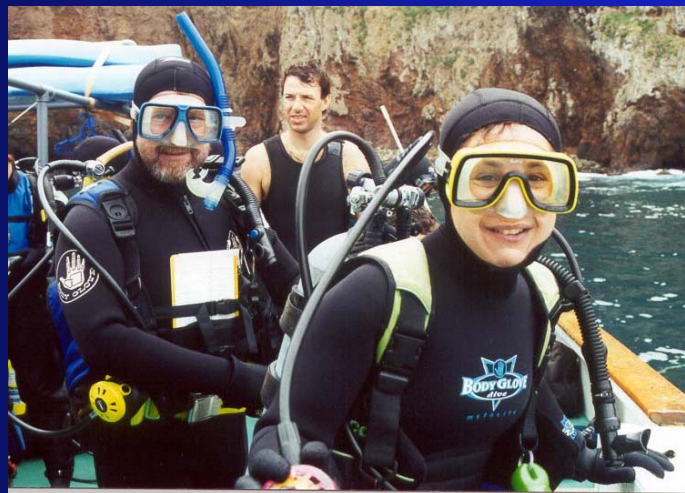
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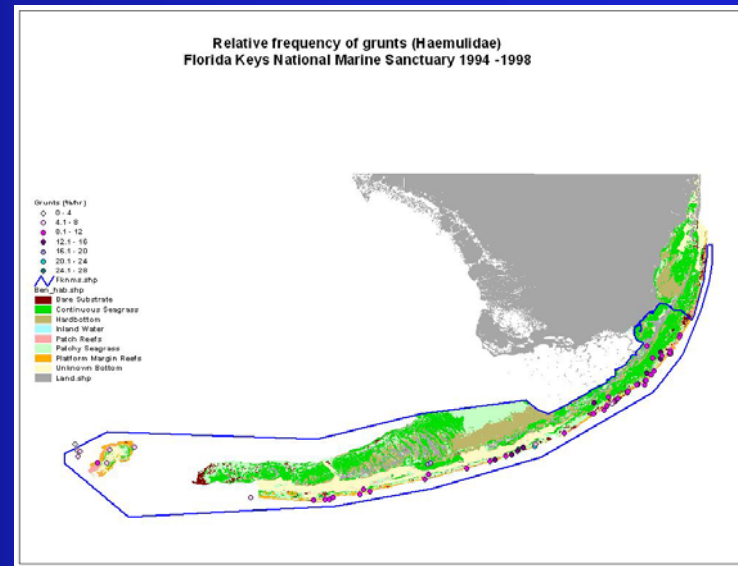
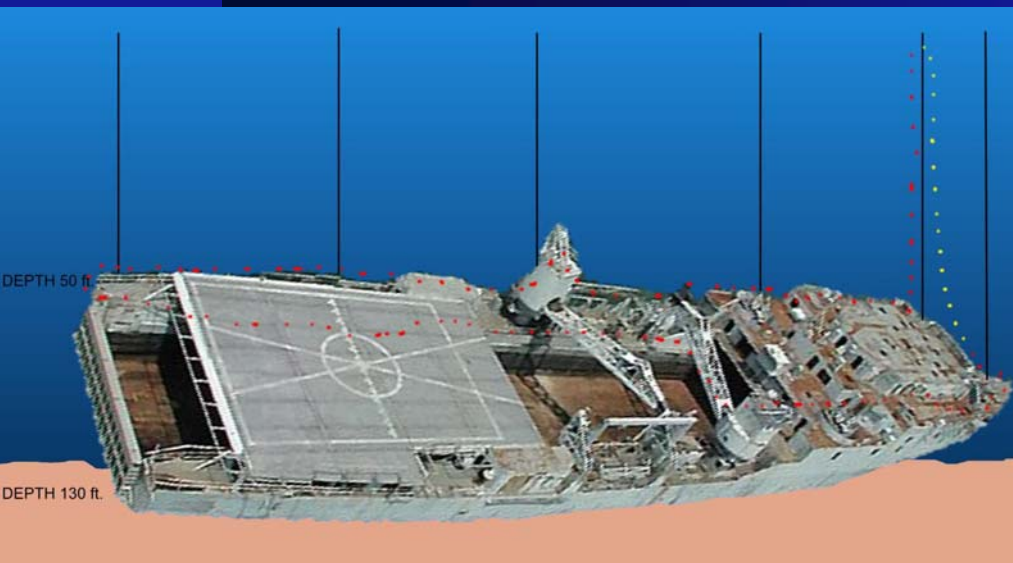
# Fish Survey Project

- Partnerships
  - Government
  - NGOs, dive clubs
  - Dive Operators



# Fish Survey Project

- Projects
  - Long-term monitoring
  - Restoration
  - Artificial reef



# Fish Survey Project

- Dataset = strength in numbers
  - 100,000+ surveys
  - 4,000,000+ records





# Volunteers

- Individual divers
- Field Stations
- Advanced Assessment Team



# Putting REEF To Work for You

- Divers, Dive Pros, Dive Shops
  - Learn your fish, do a fish count





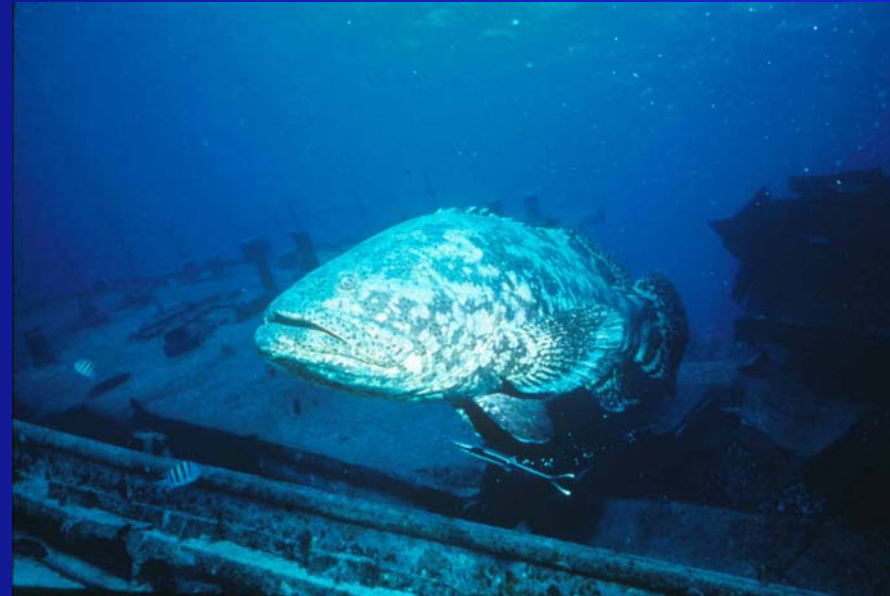
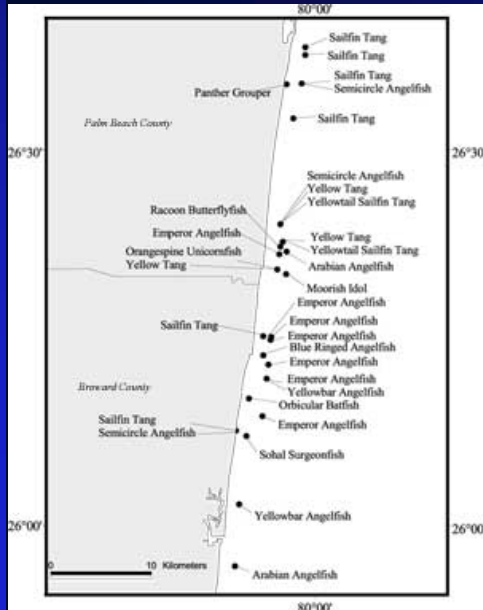
# Putting REEF To Work for You

- NGOs, Dive Clubs, Resource Managers
  - Train a local group of volunteers
  - Contract REEF AA Team



# Putting REEF To Work for You

- Resource Managers, Scientists, Students
  - Use REEF data for research



# Discussion

- The Fish Survey Project

- Engages stakeholders in resource monitoring
- Gives divers a role as citizen scientists
- Empowers volunteers
- Promotes stewardship

